

Changes to the January 20, 2000 EDR v2.1 Instructions

1. Introductory text: Added a sentence about EDR version to third paragraph of Section I.
2. II.C.(2)(c): Edited discussion about "MS" prefix for multiple stacks.
3. II.C.(3)(a)2.: Edited first paragraph to discuss replacement of non-significant erroneous values.
4. RT 100(15): Minor edit to text.
5. RT 102(36): Added statement that the AFS ID is not the NEDS ID.
6. RT 102(90): Reserved this field.
7. RT 200(41): Added that manual entry is allowed for MODCs 16 and 21.
8. RT 201(30): Added that manual entry is allowed for MODC 21.
9. RT 201(30): Revise to allow MODC 21 for NO_x emissions rate systems as well as concentration and flow systems.
10. RT 202: Edited first paragraph of text.
11. RT 202(24): Corrected misstatement concerning the use of the diluent cap.
12. RT 212(32): Added statement that manual entry of MODC 21 is permitted.
13. RT 230: In introductory text, clarified calibration instructions for moisture monitoring systems consisting of wet and dry O₂ analyzers and added instructions for reporting daily calibrations of an O₂ monitor used to determine CO₂ mass emissions.
14. RT 300: In introductory text, added more definition regarding common stacks.
15. RT 300(18): Clarified possible increments for reporting operating time.
16. RT 301: In introductory text, clarified reporting for multiple stacks.
17. RT 302(10): Corrected text regarding code 6.
18. RT 302(52): Clarified possible increments for reporting fuel usage time.
19. RT 303(52): Clarified possible increments for reporting fuel usage time.

20. RT 307(67), (87): Added clarification for reporting of NO_x mass emissions only during the ozone season.
21. RT 313(44): Added a new code for "Actual Measured Value from a Daily Sample."
22. RT 314(52): Clarified when to leave this field blank.
23. RT 320(50): Added information regarding use of diluent cap.
24. RT 320(53): Added that manual entry is allowed for MODC 21.
25. RT 328: Corrected a misstatement in the introductory text, concerning unit-level reporting of NO_x mass emissions in RT 307 for multiple stack configurations.
26. RT 328(18): Clarified possible increments for reporting operating time.
27. RT 328(45): Corrected description of code NOXR-BYS.
28. RT 330(18): Added instructions for hours in which multiple fuels are burned.
29. RT 360(18): Clarified possible increments for reporting operating time.
30. RT 360(44) and (56): Corrected typographical errors in citations
31. RT 502: Minor edit to introductory text.
32. RT 503: Provided examples for common and multiple stacks.
33. RT 503(10): Clarified definition of Stack Name.
34. RT 503(66): Clarified elevation.
35. RT 504(10): Clarified definition of a stoker boiler.
36. RT 504(40): Clarified elevation.
37. RT 505(10): Clarified use of program code "OTC-SUBH."
38. RT 506: In introductory text and fields of RT, added references to EIA Form 860B. Also removed form name from title of field (30) and example tables, edited third column heading of examples, and expanded example (a).
39. RT 506(26): Minor edits to EIA reporting dates, allowing reporting of 1985 for any unit that collected data earlier than 1986.

40. RT 510: In introductory section (a), added dilution probe assembly to list of components reported.
41. RT 510: In introductory section (b), took out the SO₂ emission rate inlet/outlet systems and clarified descriptions of moisture systems and Appendix E NO_x systems.
42. RT 510: Clarified the heading of paragraph (d) of the introductory text.
43. RT 510(10): Added component type codes for dual range or auto-ranging diluent analyzers.
44. RT 510(16): Added more definition regarding Status.
45. RT 510(23): Added component type codes for dual range or auto-ranging diluent analyzers.
46. RT 510(23): Added pressure and temperature components to code list for oil flowmeters. Described auxiliary components as transmitters/transducers.
47. RT 510(108). Clarified last date system reported data.
48. RT 520(10): Added more definition to Status instructions.
49. RT 520(18): Clarified reporting of formula code for sources with a wet/dry O₂ monitor.
50. RT 520: In text following Table 14, corrected typographical errors to refer to Equation F-14B instead of F-14A and added statement about reporting Equations 19-3D, 19-5D, F-14D, and F-17D.
51. RT 520: In Table 16, added formula M-1K and explanatory note.
52. RT 520: In Table 17, added Equation G-4A to appropriate formulas for CO₂ mass emissions.
53. RT 520: In Table 18, edited Equation G-4 to be a rate equation, not a total and in Table 21, and added Equation G-4A for summing CO₂ mass emissions calculated using Equation G-4 from multiple fuels burned in one hour.
54. RT 520: In Table 21, added Equation F-21D.
55. RT 520: In Table 22, added Equation N-3.
56. RT 520: Added Table 23 for miscellaneous formulas, renumbered tables 23 through 35 accordingly.

57. RT 520(23): Made clarifications to Example #3.
58. RT 530(14): Edited text concerning scale.
59. RT 530(17): Edited MPC text for CO₂.
60. RT 530(84), (85): Clarified reporting of default high range value in high and low scale records.
61. RT 531: Clarified item (4) in the introductory text and the sixth bulleted item.
62. RT 531: Added that diluent cap value based on boiler type is optional.
63. RT 531. Added bulleted items to the introductory text, with corresponding instructions under columns 14 and 37 and codes under column 41, requiring maximum and minimum potential moisture values to be reported, if moisture is continuously monitored (or if moisture lookup tables are used).
64. RT 531. In introductory text, clarified situations not requiring submission of RT 531.
65. RT 531(10): Added code O2M, H2OM and H2OX to list of parameters.
66. RT 531(41): Added code DATA to source of value list; clarified code "DEF."
67. RT 531(41): Deleted code "DCPW" from the "source of value" list and deleted reference to "dry basis" for the code "DCPD."
68. RT 536(35): Clarified inactivation date.
69. RT 540: Clarified introductory text.
70. RT 540(38): Minor clarifications and addition of code AGA-7.
71. RT 540(38): Added that for uncertified billing meters, this field may be left blank.
72. RT 556(16): Added event codes "170" and "180" to account for gas monitor span changes and critical orifice replacement.
73. RT 585: In introductory text, added examples for common and multiple stacks.
74. RT 585: Clarified the introductory text under "Acid Rain Program Units," concerning units that use Equation F-23 and units exempt from opacity monitoring requirement.
75. RT 585(34): Clarified "Methodology Start Date" for opacity.

76. RT 585(Tables 33 and 34 (previously Tables 32 and 33)): Added fuel code "NFS" for opacity parameters.
77. RT 587: Renamed record type and column 10.
78. RT 587: Edited introductory text.
79. RT 587(29): Added fuel indicator codes "E," for emergency fuel and "I," for ignition fuel.
80. RT 600(71): Add test number reporting instructions for dual-range analyzers represented by a single component ID.
81. RTs 601 and 602: Restructured the introductory text.
82. RTs 601 and 602: Corrected error in introductory text, to refer to RTs 601 and 602, rather than RT 230.
83. RT 601(67): Add test number reporting instructions for dual-range analyzers represented by a single component ID.
84. RT 602(16): Added instructions for the "date" field.
85. RT 603. Clarification to introductory text.
86. RT 605: Clarifications and changes to the paragraph structure of introductory text.
87. RT 605: Added examples for common and multiple stacks to introductory text.
88. RT 605: Added instructions to introductory text for deriving reference flow-to-load ratio or GHR for units with two designated normal loads.
89. RT 605(27): Clarified multiple stack reporting requirements for the flow-to-load ratio test.
90. RT 606: Expanded text and changed sentence order in the introductory text.
91. RT 606: In the introductory text, clarified multiple stack reporting requirements for the flow-to-load ratio test.
92. RT 606: In introductory text, added instructions for reporting flow-to-load ratio test results for units with two designated normal loads.
93. RT 606(25): Clarified the use of results code "N."

94. RT 606(26), (30), (34), (38), (42), (46), (50): Added option to report zero when data exclusions are not claimed for the various reasons.
95. RT 624: Expanded introductory text.
96. RT 627: Expanded introductory text.
97. RT 628: Expanded introductory text.
98. RT 628(10 and 13): Clarified component ID information.
99. RT 629: Expanded introductory text.
100. RT 629: Added example for common pipe to introductory text.
101. RT 630: Expanded introductory text.
102. RT 630: Added example for common pipe to introductory text.
103. RT 630(27): Clarified the use of results code "N."
104. RT 651(31): Removed restriction on F-factor variability.
105. RT 695: Minor editing of introductory text.
106. RT 695(29), (34), (39), (44): Replaced the phrase "since the last annual flow RATA" with, "in the historical load data collection period."
107. RT 696: Restructured and expanded the introductory text.
108. RT 696(37): Added a new code for "Type of Extension."
109. RT 697: Restructured and expanded introductory text.
110. RT 697(21): Added code 5 to list of exemptions.
111. RT 697(37): Clarified that if on-going exempt status for the SO₂ RATA is lost, you may still qualify for a conditional exemption; made clarifications to code 5; clarified that loss of conditional RATA exemptions (codes 7 and 8) triggers a RATA requirement.
112. RT 698: Expanded and clarified introductory text.
113. RT 698(10,13): Clarified reporting for multi-component flow monitoring systems.

114. RT 698(16): Clarified code 1.

115. RT 699: Restructured and expanded introductory text.

116. RT 699(17), (25), (33), (35), (38), (46): Clarifications made to these columns.